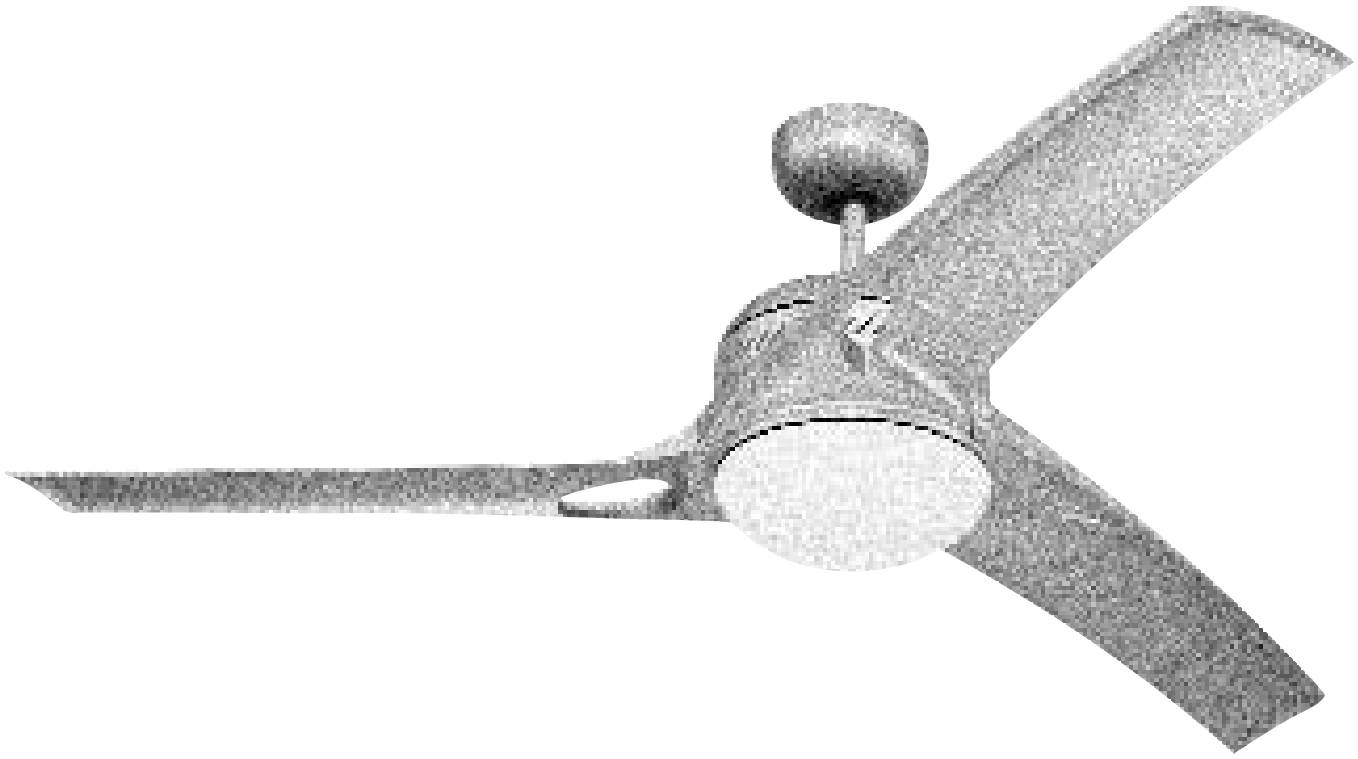
Owner's Manual

Ceiling Fan Installation Instructions



Total fan weight with light kit included

For Mach One Series Fans

READ AND SAVE THESE INSTRUCTIONS

MONTE CARLO

Quality Ceiling fans

Installation

SAFETY TIPS

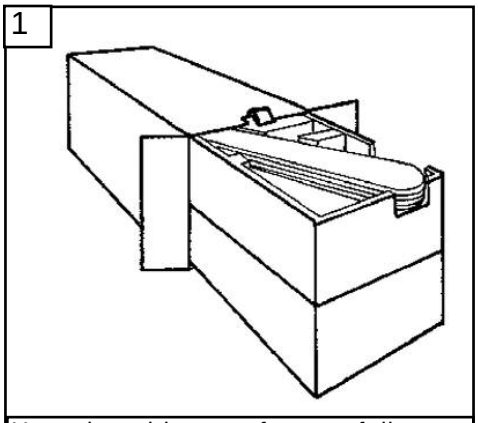
WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING: READ AND SAVE THESE INSTRUCTIONS

1. Installation work and electrical wiring must be done by qualified person(s) in accordance with applicable codes and standards (ANSI/NFPA 70-1999), including fire-rated construction.
2. Use this unit only in the manner intended by the manufacturer. If you have any questions contact the manufacturer.
3. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box.
4. Before you begin installing the fan, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
5. Be cautious! read all instructions and safety information before installing your new fan. Review the accompanying assembly diagrams.
6. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
7. Make sure the installation site you choose allows the fan blades to rotate without any obstructions. Allow a minimum clearance of 7 feet from the floor to the trailing edge of the blade.
8. WARINING: MOUNT ONLY TO AN OUTLET BOX MARKED ACCEPTABLE FOR FAN SUPPORT. To reduce the risk of fire, electric shock, or personal injury, mount to outlet box or supporting system acceptable for fan support. (Mounting must support at least 35 lbs.)
9. Do not bend blade holders during installation to motor, balancing or during cleaning. Do not insert foreign object between rotating blades.
10. Attach the mounting bracket using only the hardware supplied with the outlet box.
11. To reduce the risk of fire or electric shock, do not use this fan with any solid state fan speed control device, or variable speed control.
12. If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application.
13. NEVER place a switch where it can be reached from a tub or shower.
14. The combustion airflow needed for safe operation of fuel-burning equipment may be affected by this unit's operation. Follow the heating equipment manufacturer's guideline safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the local code authorities.
15. Before servicing or cleaning unit, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

TOOLS REQUIRED

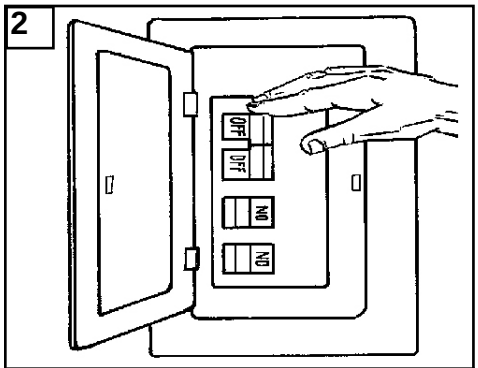
Phillips Screwdriver Wire Cutters Pliers Step Ladder

1



Unpack and inspect fan carefully to be certain all contents are included.

2



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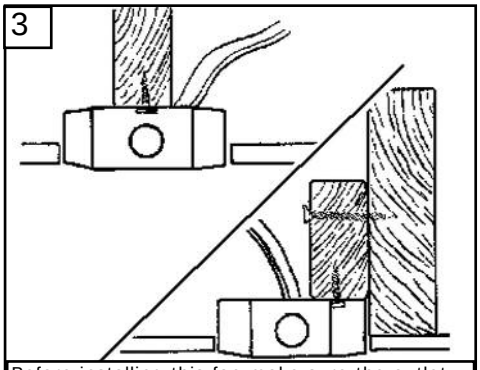
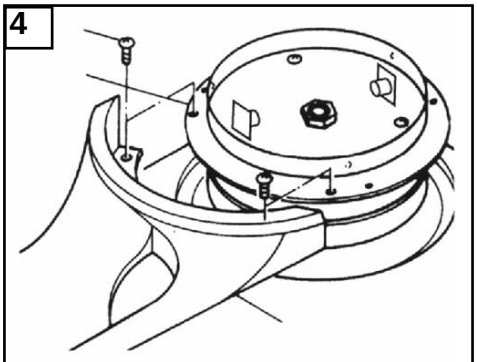
3



Before installing this fan make sure the outlet box is properly installed to the house structure. To reduce the risk of fire, electric shock, or personal injury, mount to outlet box or supporting system acceptable for fan support. (Mounting must support at least 35 lbs.)

4



Place fan body with light fitter pointing upward. Attach the 3 blades as shown in diagram above.

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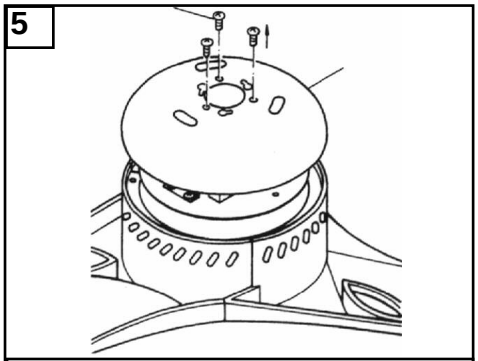
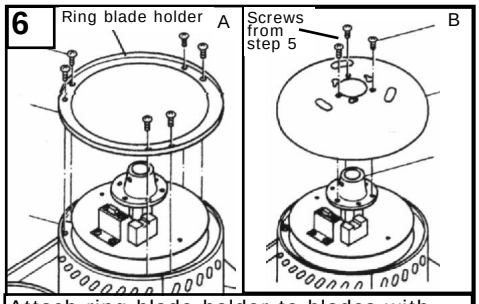


Carefully turn fan motor over so that the upper housing is facing up. Remove the 3 screws holding the upper housing in place. Lift upper housing to reveal the motor. Save screws for step 6.

6



Attach ring blade holder to blades with the 6 screws provided as shown in fig. A above. Make sure all screws holding blades are tight before proceding to the next step. Re-attach upper housing to main body using reverse of step 5 as shown in fig. B above.

Installation

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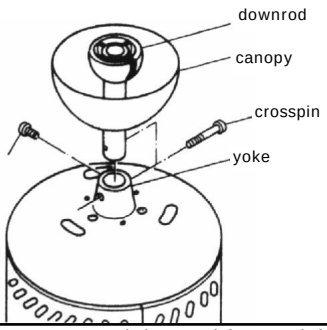

Remove canopy and downrod from polyfoam. Slide canopy over downrod as pictured. Feed lead wires through downrod and install downrod into fan yoke. Install cross pin with locking washer through yoke and downrod making sure to tighten securely. Install set screw into yoke and tighten securely.

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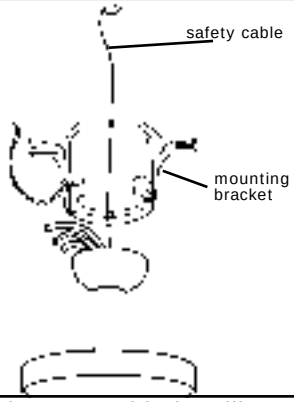

While the fan assembly is still on the ground thread the safety cable through the mounting bracket.

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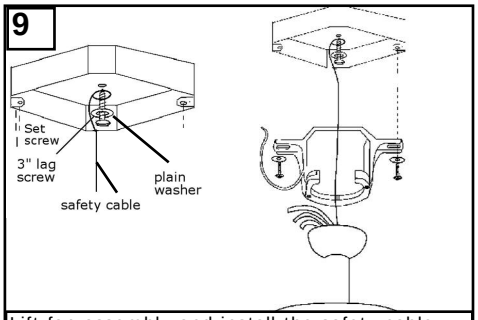

Lift fan assembly and install the safety cable directly to the building structure using the 3" lag screw and plain washer provided. Before proceeding to the next step make sure that the cable is properly installed and will support the fan weight. Make sure the screw washer and safety cable are installed using the order pictured above.

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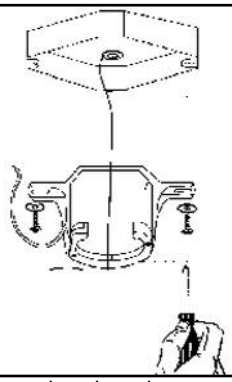

Install mounting bracket to outlet box in ceiling using the screws and washers provided with the outlet box.

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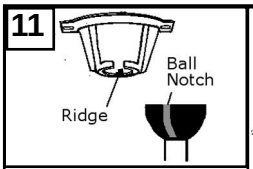
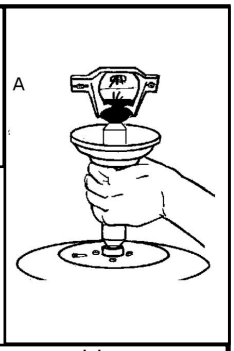
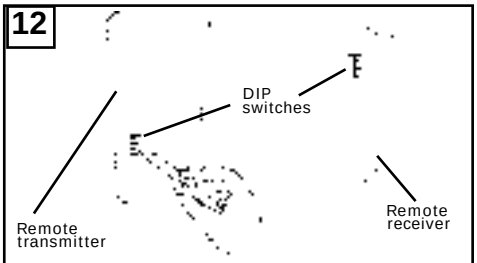




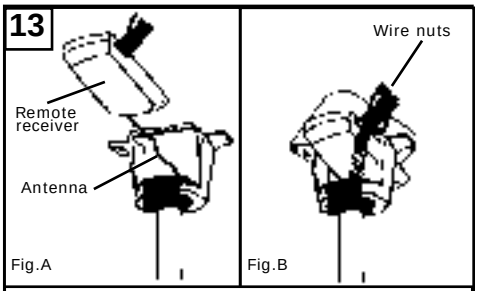
A. Carefully lift fan assembly onto mounting bracket. Rotate fan so that the notch on the ball engages the ridge in the mounting bracket. This will allow hands-free wiring.

12



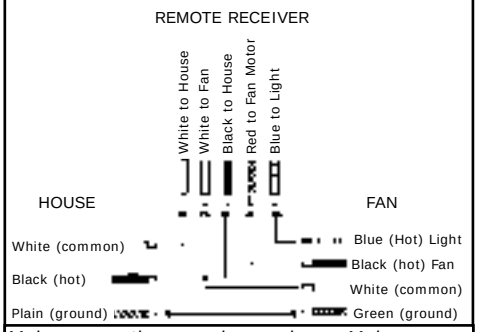
Before installing the remote receiver. Make sure the DIP switches in the transmitter and receiver are set the same. Use instrument with a sharp point to move the switches into the proper positions. The remote will not operate if this procedure is not done. If interference from outside transmitters or other remote devices is incountered, change the dip switch settings on both transmitter and receiver.

13



Carefully insert remote receiver into the mounting bracket. Make sure the antenna is not pinched by running it through the mounting bracket first (Fig.A). Receiver should be located as pictured above (Fig.B). Make wiring connections as per step 12. Make sure that all wire nut connections are tight with no exposed conductors. Point connectors upward and push into the junction box.

14 WIRING DIAGRAM



Make connections as shown above. Make sure all exposed conductors are in the wire nuts. After all connections are made push wire nuts into junction box with wire nuts pointing upward.

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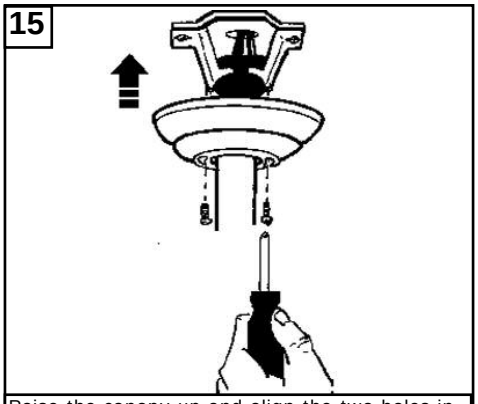

Raise the canopy up and align the two holes in the canopy with the two holes in the hanger bracket. Secure with two 5/32" x 1/2" screws provided.

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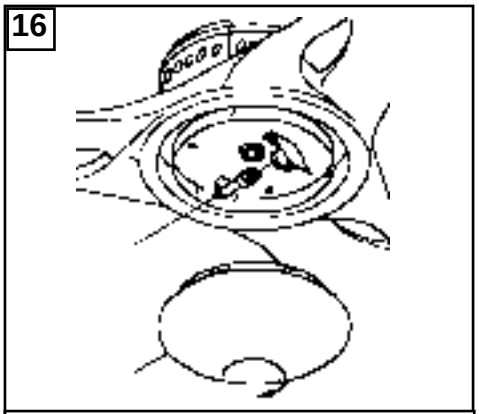
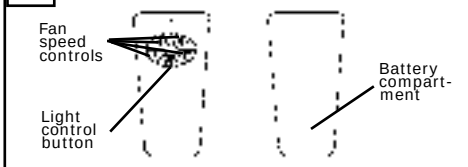


Install 75W MAX JD type Halogen lamp into lampholder. Install glass by turning clockwise until locked in position.

17 REMOTE OPERATION



Install 9v battery by removing cover on back of transmitter and connecting to terminals and reinstall cover.
FAN SPEED Depress "1" for low speed, "2" for medium or "3" for high. To turn fan off press "0"
LIGHT DIMMER To turn light on, press the button with bulb icon once quickly. To turn off press once quickly while the light is on. To dim light hold down button and bulb icon. The light will cycle from bright to dim to bright until button is released.
Light will maintain last setting if turned off. Note: If power is interrupted to fan light will come on at brightest setting.

Trouble Shooting

If you have difficulty operating your new ceiling fan, it may be the result of incorrect assembly, installation, or wiring. In some cases, these installation errors may be mistaken for defects. If you experience any faults, please check this Trouble Shooting Chart. If a problem cannot be remedied, or you are experiencing difficulty in installation, please call our Customer Service Center at the number printed on your parts list insert sheet.
Warning: Before servicing or cleaning unit, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

TROUBLE	SUGGESTED REMEDY
1. If fan does not start:	1.Check main and branch circuit fuses or circuit breakers. 2.Check line wire connections to fan and switch wire connections in switch housing. 3.Check to make sure the dip switches from the transmitter and receiver are set on the same frequency. 4.Make sure forward/reverse switch is firmly in up or down position. Fan will not operate when switch is in the middle. CAUTION: Make sure main power is turned off.
2. If fan sounds noisy:	1.Check to make sure all screws in motor housing are snug (not over tightened). 2.Check to make sure the screws which attach the fan blade holder to the motor are tight. 3.Check to make sure wire nut connectors in switch housing are not rattling against each other or against the interior wall of the switch housing. CAUTION: Make sure main power is turned off before entering switch housing. 4.Some fan motors are sensitive to signals from Solid State variable speed controls. DO NOT USE a Solid State variable speed control. 5.Allow "break-in" period of 24 hours. Most noises associated with a new fan will disappear after this period.
3. If fan wobbles:	1.Make sure that the ridge of the canopy engages the notch in the downrod ball. 2.Check that all blades are screwed firmly into blade holders. 3.Check that all blade holders are tightened securely to motor. 4.Make sure that canopy and mounting bracket are tightened securely to ceiling junction box and junction box is mounted firmly to ceiling joist. 5.Most fan wobble problems are caused when blade levels are unequal. Check this level by selecting a point on the ceiling above the tip of one of the blades. Measure this distance from blade tip to ceilng. Keeping measure within 1/8", rotate the fan until the next blade is positioned for measurement. Repeat for each blade. If all blade levels are not equal, you can adjust blade levels by the following procedure. To adjust a blade tip down, insert a washer (not supplied) between the blade and blade holder at the screw closest to the motor. To adjust a blade tip up, insert washer (not supplied) between the blade and blade holder at the two screws farthest from the motor. Reverse the position of the washer if blades mount from top of blade. 6.If blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.
4. If light does not work:	1.Check blue wire from fan to make sure it is connected to blue wire from remote receiver. 2.Check for loose or disconnected wires in fan switch housing. 3.Check for loose or disconnected wires in light kit. 4.Check for faulty light bulbs. CAUTION: Make sure main power is turned off before entering switch housing.

MONTE CARLO

Customer Service Center:
1-800-519-4092